

RAPIDO is a water soluble concentrate made up of 10% organosilicone + 56% esterified vegetable oil.



A wetter, spreader and uptake agent for use with all pesticides to improve coverage and uptake.

Improves crop spray coverage and penetration into the crop canopy giving HIGHER EFFICACY of the applied pesticide.

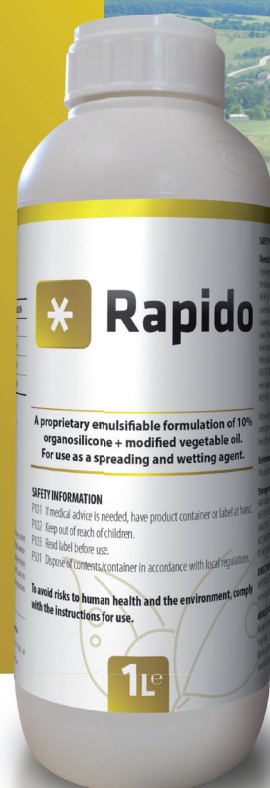
Organosilicone AIDS SPREAD AND LEAF RETENTION of contact products.

Plant oils IMPROVE SPEED OF UPTAKE of systemic products through the leaf wax.

Makes products more RAIN-FAST.

Gives more uniform droplets resulting in LESS DRIFT and REDUCED "DROPLET BOUNCE".

Use with all products requiring a vegetable oil carrier or where MSO is recommended as the adjuvant.



Product Code: F-10



DUAL ACTIVITY

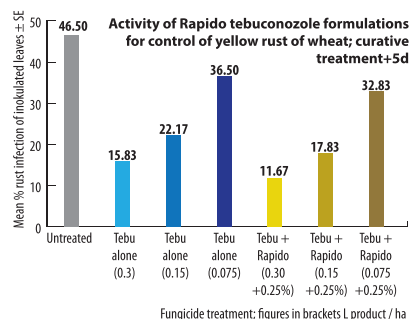
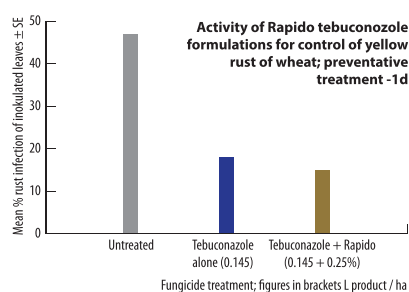
The blend of active ingredients is specifically designed to:

- * Increase the speed of uptake of systemic fungicides.
- * Improve the spread and leaf retention of contact pesticides.

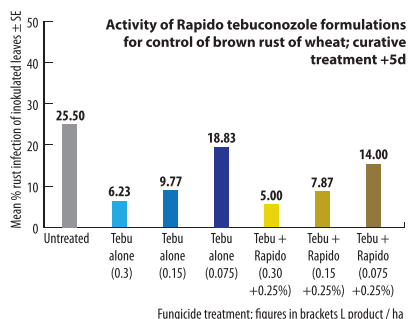
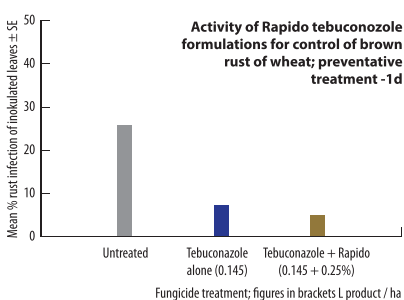
INDEPENDENT WHEAT RUST TRIALS 2016

- Tebuconazole various formulations
- Trials conducted in the glasshouse in the UK
 - 1 trial wheat yellow rust
 - 1 trial wheat brown rust
- Artificial inoculation of disease
- Preventative (-1 day) and curative (+5 days) applications

WHEAT/YELLOW RUST



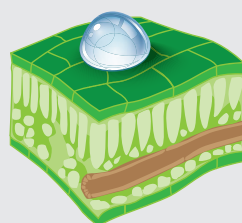
WHEAT/BROWN RUST



* Rapido

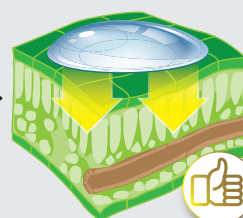
Rapido works by lowering the surface tension of the spray solution giving significantly improved coverage (wetting and spreading) on the leaf, leading to greater efficacy and uptake of the pesticide.

Pesticide alone



Without Rapido
Leaf Surface

Pesticide + * Rapido



PESTICIDE MOVEMENT with Rapido
Leaf Surface

- * Uneven spray coverage due to high surface tension.
- * Waxy cuticle layer of the leaf – pesticide finds it difficult to pass the waxy cuticle of the leaf.

- * It reduces the surface tension, evens spray deposit and improves distribution.
- * Enhances uptake of the pesticide.
- * Aids penetration of the wax cuticle and helps open the stomatal pores = enhanced uptake of the product.



Surface Tension Test Results

- The ST of water is about 73.
- A standard non-ionic wetter will reduce the ST of a typical pesticide solution to around 30-32.
- Rapido will reduce this to around 20-22 thus allowing 'super spreading'.

Applications

May be applied to all crops. Use at a rate of 0.1% to 0.5% of the spray solution.

Water Rate/Ha	Rapido at 0.1%	Rapido at 0.25%
100 Litres	100 ml	250 ml
200 Litres	200 ml	500 ml
300 Litres	300 ml	750 ml
400 Litres	400 ml	1000 ml